

PBS Climate Sensor Application

Executive Summary

The purpose of this Proof of Concept is to design a mobile and web-based application; utilize and integrate the BookIt API; and to build a user interface demonstrating the use of various environmental modalities to select a workspace or conference room.

LINK: [PBS CLIMATE APPLICATION](#)
TEST: <https://pbs-sensor.apps.cloud.gov/>

Scope

- Create a mobile and web-based application
- Utilize BookIT API to demonstrate interface with environmental modalities

Success Criteria

Completed UX design

Successfully integrated BookIT API that returns “live” data based on user selected environmental factors

Successful user review & feedback from business stakeholders

Using Agile Investment

Collaboration between PBS & GSA IT

Composed Scrum Team with use of JIRA to manage PoC tasks

Used a 2-Wk cadence to complete Discovery, Technical, and four active sprints

Lessons Learned

- Sprint 0 is needed in addition to the Technical & Discovery Sprints prep development environment, set up account access, etc.
- We have identified an ongoing need for development hardware & software, and a “sandbox” environment to host PoC applications